



GARY R. HERBERT  
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# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

## Minerals Inspection Report

Report Date: 07/15/2014

Reviewed

Mine Name: Copperton Concentrator	Permit Number: M/035/0011	Mine Status: Active
Operator Name: Rio Tinto - Kennecott Utah Copper	Inspection Date: August 21, 2013	Permit Fees: Paid
Inspector(s): L Heppler, A Abate, T Nicolaysen	Inspection Time: 9:00 AM	Bond Amount: \$ 23,904,400
Attendee(s): T Lindsay, T Heaton	Weather: Sunny, Dry	Bond Escalation: 06/22/2014
Inspection Purpose: Routine annual inspection		Prior Inspection: May 10, 2012

### Conclusions and Recommendations

Updated NOI needs to be submitted with bond calculation. A weed control program should be implemented along the perimeter area of the concentrator, this area is very limited as the overall site is dominantly asphalt pavement. OGM to continue annual inspections and monitor the site when in the area.

Elements of Inspection	Evaluated & Commented	Enforcement
1. <i>Permits, Revisions, Transfer, Bonds</i> Permit fee is up to date, updated NOI is needed, so reclamation bond calculation can be adjusted.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. <i>Public Safety (shafts, adits, trash, signs, highwalls)</i> Mine site is accessed through a paved road and a full time manned secure entrance. No trash was noted on site. New cut slope have been vegetated	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. <i>Protection of Drainages/Erosion Control</i> No erosional problems were noted during inspection, several large sediment basins at the toe of the East and South dumps were visited and the basins were properly maintained	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4. <i>Deleterious Material</i> All deleterious material are properly stored and contained	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5. <i>Roads (maintenance, surfacing, dust control, safety)</i> Roads were well maintained and in good condition with water for dust suppression	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6. <i>Reclamation</i> No concurrent reclamation at the site.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
7. <i>Backfilling/Grading (trenches, pits, roads, highwalls, shafts)</i> No regrading at this site	<input checked="" type="checkbox"/>	<input type="checkbox"/>
8. <i>Soils</i> No soil stockpiles are noted at the time of inspection.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
9. <i>Revegetation</i> Vegetation is limited to a variety of forbes and grasses. At this time most areas are asphalt pavement, but a few weeds are noted.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
10. <i>Other</i> This line is intentionally left blank	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Inspector's Signature: \_\_\_\_\_

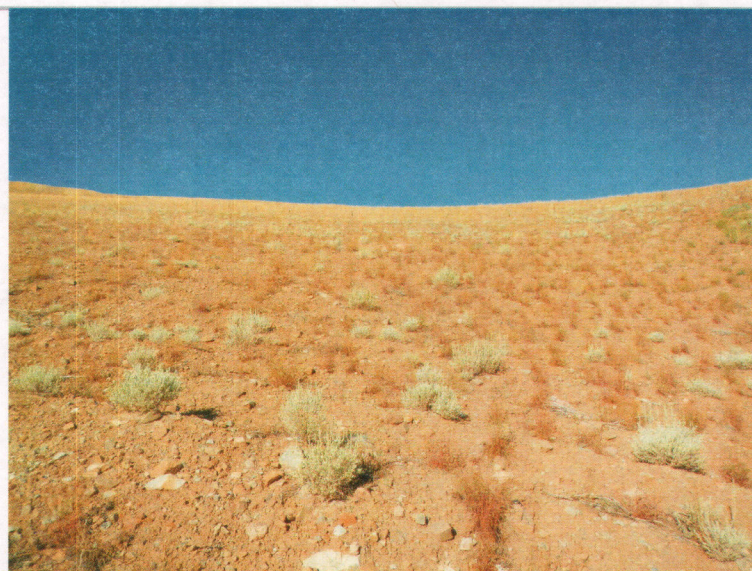
CC: Chris Kaiser - Kennecott

File: /nrwogmfs1/OGM/GROUPS/MINERALS/WP/M035-SaltLake/M0350011-CoppertonConcentrator/inspections/INSP-08212013.pdf





Slope west of ore sorter - note vegetation



Slope west of ore sorter - note vegetation



Halogeton



Riprap apron





Cut slope with haul road widened in 2013



A Frame - Ore stockpile



Tank



Concentrator building